## **Table ENG-5. - Sanitary Facilities**

City of Suffolk, Virginia

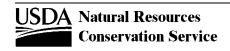
The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol	Pct	Septic Tank Pct Absorption Fields of		Sewage Lagoons	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:					II.
Alaga	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated	0.84	Slope	0.68
		zone		Depth to saturated zone	0.17
Pactolus	10	Not Rated		Not Rated	
2:					
Belhaven	85	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Flooding	0.40
Pungo	8	Not Rated		Not Rated	
Deloss	7	Not Rated		Not Rated	
3:					
Bohicket	90	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
Kenansville	5	Not Rated		Not Rated	
Pactolus	5	Not Rated		Not Rated	
4:					
Deloss	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Tomotley	5	Not Rated		Not Rated	
Belhaven	4	Not Rated		Not Rated	



5A:

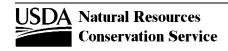
Map Symbol and Soil Name		Pct	Septic Tank Absorption Fields		Sewage Lagoons	
Unit	Map Symbol and Soil Name	of	Absorption rield	3	Lagoons	
Dogue			Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Depth to saturated zone Restricted permeability  Emporia 5 Not Rated Not Rated  Wahee 5 Not Rated Not Rated  Wahee 5 Not Rated Not Rated  S52: Dogue 85 Very limited Depth to saturated zone Restricted permeability  Emporia 5 Not Rated Not Rated  S62: Dragston 85 Not Rated Not Rated Not Rated  Wahee 5 Not Rated Not Rated  Eunola 5 Not Rated Not Rated  Eunola 5 Not Rated Not Rated  Wahee 5 Not Rated Not Rated  Filtering capacity 1.00 Seepage 1.00 Depth to saturated zone Pepth to saturated 2.00 Depth to saturated 1.00 Seepage 1.00 Depth to saturated 2.00 Depth to saturated 1.00 Seepage 1.00 Depth to saturated 2.00 Depth to saturated 2.00 Depth to saturated 1.00 Seepage 1.00 Depth to saturated 2.00 Depth to saturated 1.00 Seepage 1.00 Depth to saturated 2.00 Depth to saturated 1.00 Depth to saturated 2.00 Depth to saturated 1.00 Zone Seepage 1.00 Depth to saturated 1.00 Zone Seepage 1.00 Zone Seepage 1.00 Zone Seepage 2.00 Depth to saturated 2.00 Zone Seepage 2.00 Zone 2.00 Depth to saturated 2.00 Zone 2.00 Zone 2.00 Depth to saturated 2.00 Zone 2.0	5A:	05	Varylimited		Vany limited	
Permeability   Permeability	Dogue	65	Depth to saturated	1.00	Depth to saturated	1.00
Eunola   5				1.00		
Wahee         5         Not Rated         Not Rated           582:         Dogue         85         Very limited         Very limited           Depth to saturated zone         1.00         Depth to saturated zone         1.00           Restricted permeability         1.00         Slope         0.32           Emporia         5         Not Rated         Not Rated           Wahee         5         Not Rated         Not Rated           Wahee         5         Not Rated         Very limited           6:         Depth to saturated zone         1.00         Seepage         1.00           Depth to saturated zone         1.00         Depth to saturated zone         1.00         Depth to saturated zone         1.00           Tetotum         7         Not Rated         Not Rated         Not Rated         Not Rated           7A:         Emporia         90         Very limited         Somewhat limited         Depth to saturated zone         200e         200	Emporia	5	Not Rated		Not Rated	
Dogue 85 Very limited Very limited Depth to saturated 200 Depth to saturated 200 200 200 200 200 200 200 200 200 20	Eunola	5	Not Rated		Not Rated	
Dogue	Wahee	5	Not Rated		Not Rated	
Depth to saturated zone Restricted permeability  Emporia 5 Not Rated Not Rated  Wahee 5 Not Rated Not Rated  Wahee 5 Not Rated Not Rated  Eunola Very limited Very limited Depth to saturated zone Filtering capacity 1.00 zone  Tomotley 8 Not Rated Not Rated  Not Rated Very limited Very limited Depth to saturated zone Filtering capacity 1.00 zone  Tomotley 8 Not Rated Not Rated  Not Rated Not Rated  Not Rated  Not Rated Not Rated  Kenansville 5 Not Rated Not Rated  Not Rated Not Rated  Not Rated Not Rated  Not Rated Not Rated  Not Rated Not Rated Not Rated  Not Rated Not Rated  Not Rated Not Rated Not Rated  Not Rated Not Rated Not Rated  Not Rated Not Rated Not Rated  Not Rated Not Rated Not Rated  Not Rated Not Rated Not Rated	5B2:					
Zone   Restricted   1.00   Slope   0.32	Dogue	85	Very limited		Very limited	
Emporia   5				1.00		1.00
Eunola 5 Not Rated Not Rated  Wahee 5 Not Rated Not Rated  6:  Dragston 85 Very limited Very limited  Depth to saturated 1.00 Seepage 1.00  Zone Depth to saturated 1.00 zone  Tomotley 8 Not Rated Not Rated  Tetotum 7 Not Rated Not Rated  7A:  Emporia 90 Very limited Somewhat limited  Depth to saturated 2.092  Zone Restricted 2.068 Seepage 0.32  Kenansville 5 Not Rated Not Rated  Not Rated  Not Rated Not Rated				1.00	Slope	0.32
Wahee 5 Not Rated Not Rated  6: Dragston 85 Very limited Very limited Depth to saturated zone Depth to saturated 1.00 Seepage 1.00 Depth to saturated 200 Depth to saturated 1.00 Zone  Tomotley 8 Not Rated Not Rated  Tetotum 7 Not Rated Not Rated  7A: Emporia 90 Very limited Somewhat limited Depth to saturated 200 Zone Zone Restricted 200 Seepage 0.32 Restricted 200 Depth to saturated 200 Zone 200 Zone 200 Zone Restricted 200 Seepage 0.32  Kenansville 5 Not Rated Not Rated  Not Rated	Emporia	5	Not Rated		Not Rated	
Dragston  85 Very limited  Depth to saturated 2000  Filtering capacity  Tomotley  8 Not Rated	Eunola	5	Not Rated		Not Rated	
Dragston  85 Very limited  Depth to saturated zone Filtering capacity  Tomotley  8 Not Rated  Not Rated  Not Rated  Not Rated  7 Not Rated  Not Rated  Somewhat limited  Depth to saturated zone  Emporia  90 Very limited  Depth to saturated zone Restricted permeability  Kenansville  5 Not Rated	Wahee	5	Not Rated		Not Rated	
Depth to saturated zone Depth to saturated 1.00 Seepage 1.00 Depth to saturated 1.00 Seepage 1.00 Depth to saturated 1.00 Zone  Tomotley 8 Not Rated Not Rated Not Rated  Tetotum 7 Not Rated Not Rated  7A: Emporia 90 Very limited Somewhat limited Depth to saturated zone Zone Zone Restricted permeability  Kenansville 5 Not Rated Not Rated  Not Rated  Not Rated  Not Rated  Not Rated	6:					
Zone Filtering capacity 1.00 zone 1.00  Tomotley 8 Not Rated Not Rated Not Rated 7A:  Emporia 90 Very limited Somewhat limited Depth to saturated zone Zone Restricted permeability 0.68 Seepage 0.32  Kenansville 5 Not Rated Not Rated Not Rated	Dragston	85	Very limited		Very limited	
Filtering capacity 1.00 zone  Tomotley 8 Not Rated Not Rated  Tetotum 7 Not Rated Not Rated  7A: Emporia 90 Very limited Somewhat limited Depth to saturated 1.00 Depth to saturated zone zone Restricted permeability  Kenansville 5 Not Rated Not Rated  Not Rated  Not Rated  Not Rated  Not Rated				1.00	. •	1.00
Tetotum 7 Not Rated Not Rated  7A: Emporia 90 Very limited Somewhat limited Depth to saturated 1.00 Depth to saturated zone Restricted permeability  Kenansville 5 Not Rated Not Rated  Not Rated  Not Rated  Not Rated				1.00		1.00
7A: Emporia  90 Very limited  Depth to saturated 200 Zone  Restricted 201 Permeability  Somewhat limited  1.00 Depth to saturated 201 Zone 201 Zone  Restricted 201 Permeability  Not Rated  Not Rated  Not Rated	Tomotley	8	Not Rated		Not Rated	
Emporia  90 Very limited  Depth to saturated zone  Restricted permeability  Kenansville  5 Not Rated  Not Rated  Not Rated  Not Rated  Not Rated	Tetotum	7	Not Rated		Not Rated	
Depth to saturated zone 1.00 Depth to saturated zone 2008 Restricted permeability 0.68 Seepage 0.32 Kenansville 5 Not Rated Not Rated Nansemond 5 Not Rated Not Rated	7A:					
Zone Zone Restricted 0.68 Seepage 0.32 Kenansville 5 Not Rated Not Rated  Nansemond 5 Not Rated Not Rated	Emporia	90	Very limited		Somewhat limited	
Renansville 5 Not Rated Not Rated  Nansemond 5 Not Rated Not Rated				1.00		0.92
Nansemond 5 Not Rated Not Rated				0.68	Seepage	0.32
	Kenansville	5	Not Rated		Not Rated	
7B2:	Nansemond	5	Not Rated		Not Rated	
	7B2:					



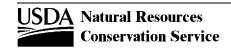
Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con reamo	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
7B2: Emporia	90	Very limited  Depth to saturated zone  Restricted	1.00	Somewhat limited Depth to saturated zone Seepage	0.92
		permeability		Slope	0.32
Kenansville	5	Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated	
8A: Eunola	90	Very limited Depth to saturated zone Restricted permeability	1.00 0.50	Very limited Depth to saturated zone Seepage	1.00 0.50
Lynchburg	5	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
8B: Eunola	90	Very limited Depth to saturated zone Restricted permeability	1.00 0.50	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.32
Lynchburg	5	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
9A: Goldsboro	95	Very limited Depth to saturated zone Restricted permeability	1.00	Very limited Depth to saturated zone Seepage	1.00 0.50
Rains	5	Not Rated		Not Rated	
9B2: Goldsboro	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.50	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.32
Rains	5	Not Rated		Not Rated	
10A:					



Map Symbol and Soil Name	Pct of	of		Sewage Lagoons	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
10A: Kalmia	90	Very limited Filtering capacity Depth to saturated zone Restricted permeability	1.00 0.84 0.50	Very limited Seepage Depth to saturated zone	1.00 0.17
Kenansville	5	Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated	
10B: Kalmia	90	Very limited Filtering capacity Depth to saturated zone Restricted permeability	1.00 0.84 0.50	Very limited Seepage Slope Depth to saturated zone	1.00 0.32 0.17
Kenansville	5	Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated	
11: Kenansville	85	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
Eunola	5	Not Rated		Not Rated	
Pactolus	5	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
12: Kenansville	95	Very limited Filtering capacity Depth to saturated zone	1.00 0.84	Very limited Seepage Depth to saturated zone	1.00 0.17
Suffolk	3	Not Rated		Not Rated	
Eunola	2	Not Rated		Not Rated	
13: Levy	85	Very limited Flooding Restricted permeability Depth to saturated zone	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con rame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13:		N I B I I		N . B	
Rains	8	Not Rated		Not Rated	
Nansemond	7	Not Rated		Not Rated	
14:					
Lynchburg	80	Very limited  Depth to saturated  zone	1.00	Very limited  Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Rains	8	Not Rated		Not Rated	
Eunola	7	Not Rated		Not Rated	
Wahee	5	Not Rated		Not Rated	
15B:					
Nansemond	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
		r morning supports	1.00	Slope	0.08
Dragston	10	Not Rated		Not Rated	
15D:					
Nansemond	85	Very limited		Very limited	
		Depth to saturated	1.00	Seepage	1.00
		zone Filtering capacity	1.00	Depth to saturated zone	1.00
		Slope	0.37	Slope	1.00
Rains	8	Not Rated		Not Rated	
Tomotley	7	Not Rated		Not Rated	
15E:					
Nansemond	80	Very limited		Very limited	
		Depth to saturated	1.00	Slope	1.00
		zone	1.00	Seepage	1.00
		Slope Filtering capacity	1.00 1.00	Depth to saturated zone	1.00
Rains	8	Not Rated		Not Rated	
Tomotley	7	Not Rated		Not Rated	
16A:					



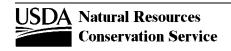
Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and communic	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16A: Nansemond	90	Very limited Depth to saturated zone Filtering capacity	1.00	Very limited Seepage Depth to saturated zone	1.00 1.00
Weston	10	Not Rated		Not Rated	
16B: Nansemond	90	Very limited  Depth to saturated zone  Filtering capacity	1.00	Very limited Seepage Depth to saturated zone Slope	1.00 1.00 0.32
Weston	10	Not Rated		Not Rated	
17: Pactolus	85	Very limited Depth to saturated zone Filtering capacity	1.00	Very limited Seepage Depth to saturated zone	1.00 1.00
Alaga	5	Not Rated		Not Rated	
Dragston	5	Not Rated		Not Rated	
Kalmia	5	Not Rated		Not Rated	
18: Pungo	85	Very limited Ponding Depth to saturated zone Subsidence	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone Flooding	1.00 1.00 0.40
Belhaven	8	Not Rated		Not Rated	
Deloss	7	Not Rated		Not Rated	
19: Rains	75	Very limited Depth to saturated zone Restricted permeability	1.00 0.50	Very limited Depth to saturated zone Seepage	1.00 0.50
Lynchburg	7	Not Rated		Not Rated	
Nansemond	7	Not Rated		Not Rated	
Eunola	6	Not Rated		Not Rated	



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con ramo	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19: Torhunta	5	Not Rated		Not Rated	•
20A: Rumford	90	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
Nansemond	10	Not Rated		Not Rated	
20B: Rumford	95	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.32
Nansemond	5	Not Rated		Not Rated	
21A: State	95	Very limited Filtering capacity Depth to saturated zone Restricted permeability	1.00 0.84 0.50	Very limited Seepage Depth to saturated zone	1.00 0.17
Tetotum	5	Not Rated		Not Rated	
21B: State	90	Very limited Filtering capacity Depth to saturated zone Restricted permeability	1.00 0.84 0.50	Very limited Seepage Slope Depth to saturated zone	1.00 0.32 0.17
Tetotum	10	Not Rated		Not Rated	
22A: Suffolk	90	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage	1.00
Eunola	10	Not Rated		Not Rated	
22B: Suffolk	90	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage Slope	1.00 0.32
Eunola	10	Not Rated		Not Rated	



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
u.i.a 33a	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23A: Tetotum	85	Very limited  Depth to saturated zone  Filtering capacity  Restricted permeability	1.00 1.00 0.50	Very limited  Depth to saturated zone Seepage	1.00
State	8	Not Rated		Not Rated	
Tomotley	7	Not Rated		Not Rated	
23B: Tetotum	90	Very limited Depth to saturated zone Filtering capacity Restricted permeability	1.00 1.00 0.50	Very limited  Depth to saturated zone Seepage Slope	1.00 0.50 0.32
Dragston	5	Not Rated		Not Rated	
State	5	Not Rated		Not Rated	
24: Tomotley	85	Very limited  Depth to saturated zone  Restricted permeability	1.00	Very limited  Depth to saturated zone Seepage	1.00 0.50
Deloss	5	Not Rated		Not Rated	
Dragston	5	Not Rated		Not Rated	
Rains	5	Not Rated		Not Rated	
25: Torhunta	90	Very limited Flooding Depth to saturated zone Filtering capacity	1.00 1.00 1.00	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 1.00
Belhaven	10	Not Rated		Not Rated	
26: Udorthents	70	Not Rated		Not Rated	
Eunola	5	Not Rated		Not Rated	
Kenansville	5	Not Rated		Not Rated	



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con warne	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26:					
Lynchburg	5	Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated	
27:					
Urban land	90	Not Rated		Not Rated	
Dogue	10	Not Rated		Not Rated	
28:					
Wahee	85	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00
Dogue	5	Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated	
29:					
Weston	90	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00
Nansemond	10	Not Rated		Not Rated	
DAM:					
Dam	95	Not Rated		Not Rated	
M-W: Water	100	Not Rated		Not Rated	
W: Water	100	Not Rated		Not Rated	